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(54) Title: IMMOBILIZED LACTOFERRIN (*Im-LF*) ANTIMICROBIAL AGENTS AND USES THEREOF

(57) Abstract: Disclosed is a composition of matter comprising a defined dispersion of lactoferrin immobilized on a naturally occurring substrate via the N-terminus region of the lactoferrin. Compositions comprising immobilized lactoferrin (*Im-LF*) are used in a method for reducing the microbial contamination of a composition subject to microbial contamination, which is also disclosed, and which encompasses a method for reducing the microbial contamination of a foodstuff, such as a meat product. Foodstuffs treated by the method are disclosed, including meat products. A method of inhibiting the growth and/or adhesion of a microbial species on a food-contacting surface of a material for food packaging or food handling with *Im-LF* is also disclosed. Food containers and food-handling implements so treated are also disclosed, as are antimicrobial cleansers, polishes, paints, sprays, soaps, or detergents containing *Im-LF* for applying to an inanimate surface.